## Koch, Kristine

From: Koch, Kristine

Sent: Thursday, June 20, 2013 10:11 AM To: James McKenna; Gene Revelas Cc: Jennifer Woronets; Humphrey, Chip

**Subject:** Portland Harbor RI Section 5 - Box & Whisker Plots

Jim – just actually looked at the box and whisker plots presented in H4.1-1 through H4.1-6. While I agree that box and whisker plots presenting the differences in the data sets for the river reaches should be presented, I disagree with the actual presentation in these plots. There should be no "outliers" or "extremes" in any of the data sets at this point in the RI evaluation. These need to be presented with all the data included. You will probably need to put it on a log scale since the study area reach will extend up considerably from the other reaches.

Give me a call if you wish to discuss.

Regards,

Kristine Koch Remedial Project Manager USEPA, Office of Environmental Cleanup

U. S. Environmental Protection Agency Region 10 1200 Sixth Avenue, Suite 900, M/S ECL-115 Seattle, Washington 98101-3140

(206)553-6705 (206)553-0124 (fax) 1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)